

Amendment to the Specification

Please add the following paragraph beginning on line 7, page 6, of the specification:

[28] Figure 5 is an exploded view of the means for measuring temperature shown in Figures 2 and 3.

Please add the following paragraph beginning on line 17, page 7, of the specification:

[33] Figure 5 is an exploded view of a termination for distributed temperature sensing system measurement of the conductive core 2 of a fiber optic transmission conductor and may optionally have a protective tube 6 surrounding optic fiber 4. Optic fiber 4, with or without protective tube 6, travels through optical isolator/insulator 7 and the temperature of fiber optic 4 is monitored by distributed temperature sensing means 8.